

Let's talk!

AC-DC Converter ACDCW80-230-48-C-K1

Universal Power Supply for Telecom Applications

Specification

General

Electrical Safety	EN 62368 overload and short-circuit protected
EMC emission	EN 61000-6-3
EMC immunity	EN 61000-6-2

Electrical data – AC input

Nominal voltage	230V _{AC} , 50Hz
Voltage range	195 – 265V _{AC}
Input current	<1A
PFC	active

Electrical data – DC output

Nominal voltage	48V _{DC} , isolated, “floating”
Voltage stability	± 5%
Efficiency	>87%
Output power	80W

Environmental conditions

Ambient temperature during operation	-25°C to +50°C
Storage temperature	-25°C to +85°C, condensing
Rel. humidity	<75% average per year (varnished backplane)

Connection technology

Mains input	connecting cable 3 x 1mm ² (L1 brown, N blue, PE green/yellow)
DC output	Phoenix MC1,5/3-GF-3,81, 3-pole

Mechanical data

Housing type	for wall mounting
Housing material	sheet steel, galvanized
Dimensions	90 x 170 x 50mm (W x H x D)
Weight	approx. 1 kg
Ingress protection	IP 20
Cooling	free convection (mounting position vertical, connections pointing downwards)



Figure may differ from actual device

Warranty	24 months
Order code	ACDCW80-230-48-C-K1

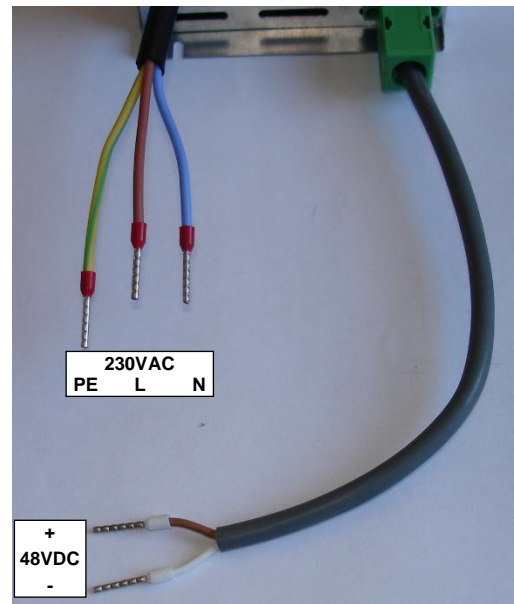
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Connections



Mechanical data

Hole pattern (dimensions in mm)

